

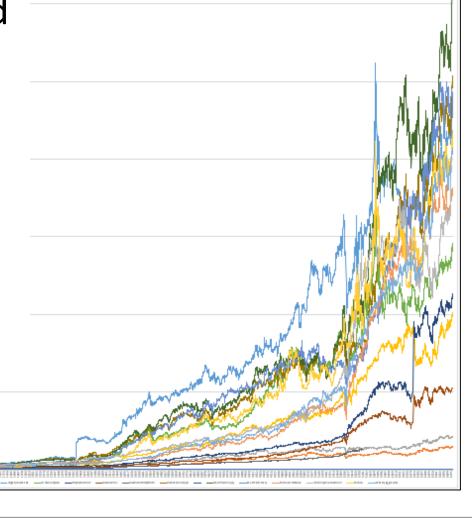
# Intelligent Fund Management, LLC

Progress Report July 3, 2023



### Portfolio Switching

 This week, we dumped 15 Portfolios out of OmniFunds for the purpose of designing the Switching Algorithm.

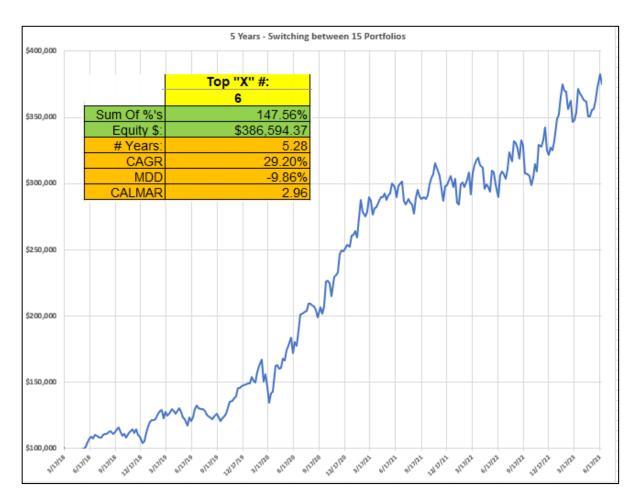


### A First Switching Algorithm

Using the top N
 Portfolios based
 on weekly
 performance is
 resulting in
 smooth returns
 with low draw
 downs.

APR: 30%

MDD: 9%



Spreadsheet Work by Mark Holstius



# **Omni**Funds

A.I. Ranking



### A.I. Ranking

#### Objective:

Replicate what the GA does but at a much higher level – find Rules that are profitable, but using modern A.I. Methods



A.I. Researcher will begin trials on several A.I. models on provided G.A. Inputs.

Hello Ed;

I had a look at the writeup and it is indeed a very interesting project.

It is very good that the features used are "super features" which I believe encode to some level of confidence the human psychology and the appropriate statistics of the market. With this in mind, the project boils down to time series prediction based on the given features 3-days in the future.

To do this, I have a couple of AI architectures in mind. One that relies on LSTMs, the other is a variation using CNN/LSTM. When awarding the project, I will give those a try and if results are promising, we can further optimize by using attention mechanisms.

# 3-Month Sprint



8 Month Sprint

Funding \*

Financial Services
Consulting

Performance Improvements

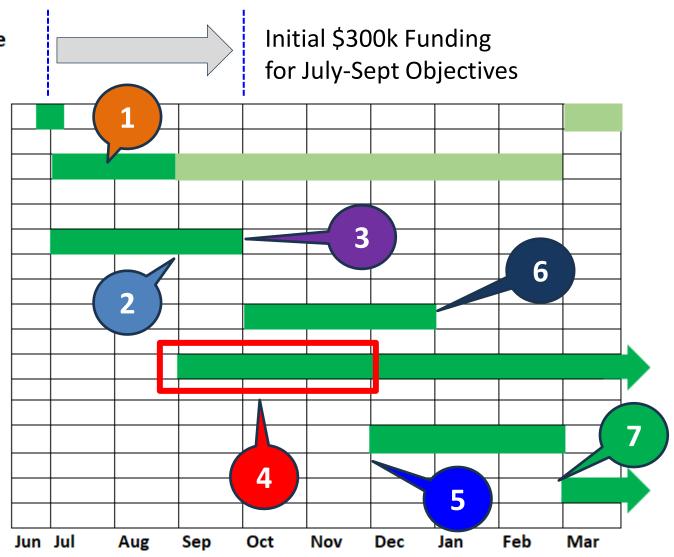
**API Implementation** 

**OmniFunds Trading** 

Generate Track Record

Series "A" or Sales \*

Sales Revenue





# **Omni**Funds

**Because Returns Matter.** 





# **Omni**Funds

